NEONATOLOGY Notes

ROUTINE DELIVERY ROOM CARE

1. **Position:** Place infant head downward immediately, to clear mouth, pharynx & nose of secretions

2. **Suction:** Gently suction nose and pharynx with bulb syringe or soft catheter, while stimulating to cry
    a. Non-high risk infant: head down
    b. High risk (e.g. CS delivery): crib level

3. **Assess APGAR score**

Sign	0	1	2
A	Blue, pale extremities & trunk	Blue extremities Pink trunk	Completely pink
P	Absent	Below 100	Above 100
G	No response	Grimace	Cry, cough, sneeze
A	Limp	Some flexion of extremities	Active motor
R	Absent	Slow, irregular	Good strong cry

Score:
7-10 at 1 min = vigorous infant
4-6 = mild-moderate asphyxia → 100% O2 by face mask
0-3 = severe asphyxia → intubation

One-minute score: gives index of necessity for resuscitation
Five-minute score: more valuable in predicting mortality, success of resuscitation and neurologic deficit at 1 year of age

Resuscitation of the depressed infant
Score 4-6
- Vigorous stimulation and suctioning of secretions
- Assisted ventilation for the depressed baby may produce spontaneous respiration
- If still unresponsive, tracheal intubation and positive pressure

Score 0-3
-Vigorous stimulation and suctioning of secretions
-Immediate intubation and O2 inhalation
-Correction of acidosis

4. **Maintain body heat**
    a. Body surface of NB thrice that of adult
    b. Rate of heat loss 4x that of adult occurring by:
        i. Convection to cooler air
        ii. Conduction to cooler materials